

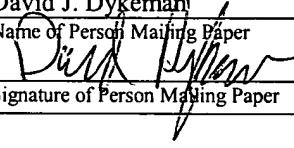
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Rabiner et al.  
 Serial No.: Not Yet Assigned  
 Filed: February 9, 2004  
 Entitled: Apparatus and Method for an Ultrasonic Medical Device Operating in Torsional and Transverse Modes

322782 U.S. PTO  
 10/774898  
 020904

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EL928103764US on this date, February 9, 2004, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

David J. Dykeman  
 Name of Person Mailing Paper  
  
 Signature of Person Mailing Paper

Mail Stop Patent Application  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Enclosed for filing in the above-identified patent application, please find the following documents:

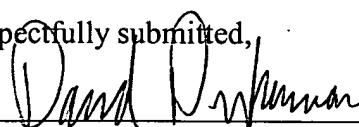
1. New Patent Application Transmittal;
2. Patent Application (34 pages);
3. 10 sheets of informal drawings of Figs. 1 - 10;
4. Executed Declaration and Power of Attorney;
5. Application Data Sheet; and
6. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 20563/2432. A duplicate of this transmittal letter is enclosed for this purpose.

Date: February 9, 2004

Respectfully submitted,

  
 Name: David J. Dykeman  
 Registration No.: 46,678  
 Customer No.: 29934  
 Palmer & Dodge LLP  
 111 Huntington Avenue  
 Boston, MA 02199-7613  
 Tel: 617-239-0100

10.  Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

Application Number	Date of Filing (day, month, year)

The above applications from which priority is claimed are hereby incorporated in their entirety into the application filed herewith.

11.  Priority document(s).

12.  Microfiche Computer Program (Appendix).

13.  Nucleotide and/or Amino Acid Sequence Submission.
 

- Computer Readable Copy.
- Paper Copy (identical to computer copy).
- Statement verifying identity of above copies.

14.  Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)

15.  Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.

16. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$750.00
Total Claims in <b>Excess of 20</b> (37 C.F.R. § 1.16(c))	74	54	\$18.00	972.00
Independent Claims in <b>Excess of 3</b> (37 C.F.R. § 1.16(b))	6	3	\$84.00	252.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))		No	\$280.00	0
<b>Subtotal - Filing Fee Due</b>				1974.00
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)			MULTIPLY BY 0.50	987.00
<b>TOTAL FILING FEE DUE</b>				987.00
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	0
<b>GRAND TOTAL DUE</b>				<b>\$987.00</b>

17. PAYMENT is:

The Commissioner is hereby authorized to charge any fees to Deposit Account 16-0085, Ref. 20563/2432.

not included, but deferred under 37 C.F.R. § 1.53(f).

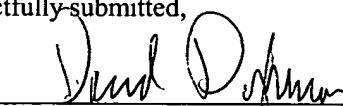
18. All correspondence for the attached application should be directed to:

**Richard B. Smith**  
**Customer Number 29934**  
 111 Huntington Avenue  
 Boston, MA 02199-7613

19. Other: \_\_\_\_\_

Respectfully submitted,

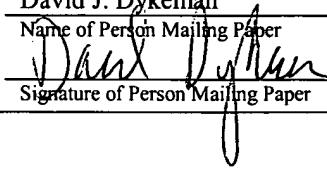
Date: February 9, 2004

By:   
 Name: David J. Dykeman  
 Registration No.: 46,678

16569  
020904

## NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 20563/2432

<b><u>CERTIFICATE OF MAILING UNDER 37 CFR 1.10</u></b>	
<p>I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. <b>EL928103764US</b> on this date, <b>February 9, 2004</b>, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p>	
<p>David J. Dykeman</p> <hr/> <p>Name of Person Mailing Paper</p> <p></p> <hr/> <p>Signature of Person Mailing Paper</p>	

Mail Stop Patent Application  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**Enclosed herewith is a new patent application of:**

First Named Inventor (or application identifier): Rabiner et al.

Title of Invention: Apparatus and Method for and Ultrasonic Medical Device Operating in Torsional and Transverse Modes

Type:  New  
 Continuation of: \_\_\_\_\_  
 Continuation-in-Part of: \_\_\_\_\_  
 Divisional of: \_\_\_\_\_  
 which is hereby incorporated by reference in its entirety into the application filed herewith;

**and includes the following papers:**

1.  Specification 34 pages (including specification, claims, abstract)/74 claims (6 independent)
2.  Declaration/Power of Attorney is:
 

<input checked="" type="checkbox"/> Executed	<input type="checkbox"/> Unexecuted	<input type="checkbox"/> Executed copy from Parent Application
<input type="checkbox"/> NOT included, but deferred under 37 C.F.R. § 1.53(f).		
3.  10 Distinct sheets of  Formal  Informal Drawings
4.  Application Data Sheet
5.  Preliminary Amendment.
6.  Information Disclosure Statement
 

<input type="checkbox"/> Form 1449	<input type="checkbox"/> A copy of each cited prior art reference
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7.  Assignment with Recordation Cover Sheet.
8.  Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)

9.  Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Application Number	Date of Filing (day, month, year)